

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	slope same contour same image and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:48
S2	3	("3566354").URPN.	USPAT	OR	OFF	2005/09/20 13:18
S3	2	("5420937").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/20 13:18
S4	22	("3558864" "3699519" "3893080" "4015240" "4156230" "4210899" "4310827" "4696046" "4747147" "4790564" "4817183" "4896363" "4944021" "4947442" "4948443" "5040223" "5040224" "5067162" "5105467" "5109428" "5187747" "5239590").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/20 13:45
S5	3	("3566354").URPN.	USPAT	OR	OFF	2005/09/20 14:24
S6	38	("2952181" "3231861" "3245697" "3292149" "3383657" "3566354" "3584958" "3771129" "3801823" "3944978" "3959884" "3968475" "4109237" "4152056" "4210899" "4325570" "4414684" "4537484" "4618988" "4696046" "4747147" "4790564" "4811414" "4817183" "4874932" "4882474" "4896363" "4933976" "4944021" "4947027" "4947442" "5067162").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/20 14:24
S7	8951	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/20 18:04
S8	7	(pixel near count) and (quality near fingerprint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:52

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S9	70	(pixel near count) and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 16:22
S10	315	382/112.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 16:22
S11	5	S10 and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 16:23
S12	8	S10 and (pixel near count)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 16:34
S13	3802	(pixel\$2 near (density or count)) and (pattern or fingerprint) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 16:36
S14	855	(pixel\$2 near (density or count)) and (pattern or fingerprint) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 16:36
S15	36	(pixel\$2 near (density or count)) and (pattern or fingerprint) near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 16:49
S16	2	("5239590").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 16:38

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S17	7	(pixel\$2 near (density) and (pattern or fingerprint) near quality same (compar\$4 or match\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 16:50
S20	9	(compar\$5 or match\$3) near (pixel\$2 near (density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/31 19:13
S21	23	(compar\$5 or match\$3) near (pixel\$2 near (number or density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/31 19:17
S22	29	(pixel\$2 near (number or density or count)) near (reference or threshold) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/31 19:22
S23	897	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/31 19:27
S24	583	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/31 19:24
S25	25	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) same (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/31 19:24
S26	5	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) near (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/31 19:29

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S27	274	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 16:31
S28	170	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 16:52
S29	43	ridge same count same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 16:48
S30	76	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 16:48
S31	660	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 16:53
S32	32	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold) and fingerprint\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 17:35
S33	64	pixel near count same image near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 17:36
S34	22	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 17:36

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S35	37	("3419287" "3564266" "3893080" "3928842" "4015240" "4047154" "4083035" "4135147" "4151512" "4185270" "4208651" "4229023" "4310827" "4325570" "4607384" "4646352" "4685145" "4747147" "4752966" "4785171" "4790564" "4817183" "4872203" "4876726" "4905293" "4944021" "4947442" "5040223" "5040224" "5050220" "5109428" "5140642" "5177792" "5187747" "5420937" "D303251").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 17:39
S36	2	("5995640").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 17:43
S37	83	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/26 20:14
S38	27	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/26 20:14
S39	11167	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 21:24
S40	726	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 21:25
S41	37	S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 21:25

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S42	726	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/28 16:01
S43	11167	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/28 16:02
S44	37	S43 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/28 16:07
S45	3121	358/2.99,448,464-466.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/28 16:10
S46	726	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/28 16:10
S47	1	S45 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/28 16:11
S51	2616	fingerprint same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/23 11:45
S52	4	fingerprint same quality and rescan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/23 11:45

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S53	23	fingerprint same quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/23 11:49
S54	2	fingerprint near quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/23 11:55
S55	406	fingerprint near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/23 11:55
S56	48	fingerprint near quality and interrupt\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/23 11:56
S57	3	"09788148"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/27 23:00
S62	3178	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/28 14:23
S63	13992	382/124-127,115-119,170,190,192,197,199,224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/28 14:23
S64	434	S63 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/28 14:23

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S65	9	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near table	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/28 14:25
S66	35	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near5 table\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/28 14:27
S67	155	fingerprint\$2 and pressure same finger and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/28 15:22
S68	160	fingerprint\$2 and pressure same finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/28 15:22
S69	69	fingerprint\$2 and pressure near finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/28 15:24
S70	9	("4578765" "4747148" "4962541" "5067161" "5067162" "5105467" "5121444" "5239590" "5255331").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/28 16:20
S71	8	slope same contour same image and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S72	3	("3566354").URPN.	USPAT	OR	OFF	2008/12/29 01:50
S73	2	("5420937").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50

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S74	22	("3558864" "3699519" "3893080" "4015240" "4156230" "4210899" "4310827" "4696046" "4747147" "4790564" "4817183" "4896363" "4944021" "4947442" "4948443" "5040223" "5040224" "5067162" "5105467" "5109428" "5187747" "5239590").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/29 01:50
S75	3	("3566354").URPN.	USPAT	OR	OFF	2008/12/29 01:50
S76	38	("2952181" "3231861" "3245697" "3292149" "3383657" "3566354" "3584958" "3771129" "3801823" "3944978" "3959884" "3968475" "4109237" "4152056" "4210899" "4325570" "4414684" "4537484" "4618988" "4696046" "4747147" "4790564" "4811414" "4817183" "4874932" "4882474" "4896363" "4933976" "4944021" "4947027" "4947442" "5067162").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/29 01:50
S77	13992	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S78	10	(pixel near count) and (quality near fingerprint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S79	150	(pixel near count) and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S80	485	382/112.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S81	12	S80 and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50

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S82	13	S80 and (pixel near count)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S83	6005	(pixel\$2 near (density or count)) and (pattern or fingerprint) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S84	1359	(pixel\$2 near (density or count)) and (pattern or fingerprint) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S85	62	(pixel\$2 near (density or count)) and (pattern or fingerprint) near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S86	2	("5239590").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S87	13	(pixel\$2 near (density) and (pattern or fingerprint) near quality same (compar\$4 or match\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S90	11	(compar\$5 or match\$3) near (pixel\$2 near (density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S91	29	(compar\$5 or match\$3) near (pixel\$2 near (number or density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50

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S92	32	(pixel\$2 near (number or density or count)) near (reference or threshold) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S93	1399	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S94	949	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S95	36	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) same (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S96	7	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) near (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S97	423	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S98	239	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S99	47	ridge same count same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50

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S10 0	104	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S10 1	978	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S10 2	56	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold) and fingerprint\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S10 3	137	pixel near count same image near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S10 4	48	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S10 5	37	("3419287" "3564266" "3893080" "3928842" "4015240" "4047154" "4083035" "4135147" "4151512" "4185270" "4208651" "4229023" "4310827" "4325570" "4607384" "4646352" "4685145" "4747147" "4752966" "4785171" "4790564" "4817183" "4872203" "4876726" "4905293" "4944021" "4947442" "5040223" "5040224" "5050220" "5109428" "5140642" "5177792" "5187747" "5420937" "D303251").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/29 01:50
S10 6	2	("5995640").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50

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S10 7	104	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S10 8	48	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S10 9	13992	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S11 0	978	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S11 1	44	S109 and S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S11 2	978	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S11 3	13992	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S11 4	44	S113 and S112	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50

EAST Search History (Prior Art)

S11 5	3348	358/2.99,448,464-466.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S11 6	978	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S11 7	2	S115 and S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S12 1	2619	fingerprint same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S12 2	4	fingerprint same quality and rescan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S12 3	23	fingerprint same quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S12 4	2	fingerprint near quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S12 5	406	fingerprint near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50

EAST Search History (Prior Art)

S12 6	48	fingerprint near quality and interrupt\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S12 7	3	"09788148"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S13 1	3178	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S13 2	13992	382/124-127,115-119,170,190,192,197,199,224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S13 3	434	S132 and S131	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S13 4	9	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near table	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S13 5	35	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near5 table\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S13 6	155	fingerprint\$2 and pressure same finger and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50

EAST Search History (Prior Art)

S13 7	160	fingerprint\$2 and pressure same finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S13 8	69	fingerprint\$2 and pressure near finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 01:50
S13 9	9	("4578765" "4747148" "4962541" "5067161" "5067162" "5105467" "5121444" "5239590" "5255331").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/29 01:50
S14 0	474734	(intensit\$3 or brightness or contrast\$2) same (count\$4 or variation\$3 or change\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 02:03
S14 1	3178	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 02:04
S14 2	13992	382/124-127,115-119,170,190,192,197,199,224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 02:04
S14 3	434	S142 and S141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 02:04
S14 4	198	S140 and S143	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/29 02:04
S14 5	8	slope same contour same image and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S14 6	3	("3566354").URPN.	USPAT	OR	OFF	2009/03/06 19:43
S14 7	2	("5420937").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S14 8	22	("3558864" "3699519" "3893080" "4015240" "4156230" "4210899" "4310827" "4696046" "4747147" "4790564" "4817183" "4896363" "4944021" "4947442" "4948443" "5040223" "5040224" "5067162" "5105467" "5109428" "5187747" "5239590").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 19:43
S14 9	3	("3566354").URPN.	USPAT	OR	OFF	2009/03/06 19:43
S15 0	38	("2952181" "3231861" "3245697" "3292149" "3383657" "3566354" "3584958" "3771129" "3801823" "3944978" "3959884" "3968475" "4109237" "4152056" "4210899" "4325570" "4414684" "4537484" "4618988" "4696046" "4747147" "4790564" "4811414" "4817183" "4874932" "4882474" "4896363" "4933976" "4944021" "4947027" "4947442" "5067162").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 19:43
S15 1	14300	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S15 2	10	(pixel near count) and (quality near fingerprint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S15 3	150	(pixel near count) and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S15 4	490	382/112.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S15 5	12	S154 and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S15 6	13	S154 and (pixel near count)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S15 7	6138	(pixel\$2 near (density or count)) and (pattern or fingerprint) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S15 8	1402	(pixel\$2 near (density or count)) and (pattern or fingerprint) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S15 9	64	(pixel\$2 near (density or count)) and (pattern or fingerprint) near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S16 0	2	("5239590").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S16 1	13	(pixel\$2 near (density) and (pattern or fingerprint) near quality same (compar\$4 or match\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S16 4	11	(compar\$5 or match\$3) near (pixel\$2 near (density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S16 5	32	(compar\$5 or match\$3) near (pixel\$2 near (number or density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S16 6	32	(pixel\$2 near (number or density or count)) near (reference or threshold) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S16 7	1444	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S16 8	984	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S16 9	38	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) same (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S17 0	8	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) near (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S17 1	439	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S17 2	242	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S17 3	47	ridge same count same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S17 4	106	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S17 5	1000	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S17 6	57	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold) and fingerprint\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S17 7	147	pixel near count same image near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S17 8	53	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S17 9	37	("3419287" "3564266" "3893080" "3928842" "4015240" "4047154" "4083035" "4135147" "4151512" "4185270" "4208651" "4229023" "4310827" "4325570" "4607384" "4646352" "4685145" "4747147" "4752966" "4785171" "4790564" "4817183" "4872203" "4876726" "4905293" "4944021" "4947442" "5040223" "5040224" "5050220" "5109428" "5140642" "5177792" "5187747" "5420937" "D303251").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S18 0	2	("5995640").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S18 1	106	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S18 2	53	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S18 3	14300	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S18 4	1000	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S18 5	46	S183 and S184	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S18 6	1000	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S18 7	14300	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S188	46	S187 and S186	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S189	3370	358/2.99,448,464-466.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S190	1000	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S191	2	S189 and S190	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S195	2661	fingerprint same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S196	4	fingerprint same quality and rescan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S197	23	fingerprint same quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S198	2	fingerprint near quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S199	413	fingerprint near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S200	49	fingerprint near quality and interrupt\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S201	3	"09788148"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S205	3278	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S206	14300	382/124-127,115-119,170,190,192,197,199,224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S207	447	S206 and S205	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S208	9	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near table	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S209	35	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near5 table\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S21 0	157	fingerprint\$2 and pressure same finger and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S21 1	162	fingerprint\$2 and pressure same finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S21 2	71	fingerprint\$2 and pressure near finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S21 3	9	("4578765" "4747148" "4962541" "5067161" "5067162" "5105467" "5121444" "5239590" "5255331").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 19:43
S21 4	8	slope same contour same image and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S21 5	3	("3566354").URPN.	USPAT	OR	OFF	2009/03/06 19:43
S21 6	2	("5420937").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S21 7	22	("3558864" "3699519" "3893080" "4015240" "4156230" "4210899" "4310827" "4696046" "4747147" "4790564" "4817183" "4896363" "4944021" "4947442" "4948443" "5040223" "5040224" "5067162" "5105467" "5109428" "5187747" "5239590").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 19:43
S21 8	3	("3566354").URPN.	USPAT	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S21 9	38	("2952181" "3231861" "3245697" "3292149" "3383657" "3566354" "3584958" "3771129" "3801823" "3944978" "3959884" "3968475" "4109237" "4152056" "4210899" "4325570" "4414684" "4537484" "4618988" "4696046" "4747147" "4790564" "4811414" "4817183" "4874932" "4882474" "4896363" "4933976" "4944021" "4947027" "4947442" "5067162").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 19:43
S22 0	14300	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S22 1	10	(pixel near count) and (quality near fingerprint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S22 2	150	(pixel near count) and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S22 3	490	382/112.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S22 4	12	S223 and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S22 5	13	S223 and (pixel near count)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S22 6	6138	(pixel\$2 near (density or count)) and (pattern or fingerprint) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S22 7	1402	(pixel\$2 near (density or count)) and (pattern or fingerprint) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S22 8	64	(pixel\$2 near (density or count)) and (pattern or fingerprint) near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S22 9	2	("5239590").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S23 0	13	(pixel\$2 near (density) and (pattern or fingerprint) near quality same (compar\$4 or match\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S23 3	11	(compar\$5 or match\$3) near (pixel\$2 near (density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S23 4	32	(compar\$5 or match\$3) near (pixel\$2 near (number or density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S23 5	32	(pixel\$2 near (number or density or count)) near (reference or threshold) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S23 6	1444	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S23 7	984	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S23 8	38	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) same (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S23 9	8	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) near (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S24 0	439	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S24 1	242	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S24 2	47	ridge same count same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S24 3	106	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S24 4	1000	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43

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S24 5	57	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold) and fingerprint\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S24 6	147	pixel near count same image near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S24 7	53	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S24 8	37	("3419287" "3564266" "3893080" "3928842" "4015240" "4047154" "4083035" "4135147" "4151512" "4185270" "4208651" "4229023" "4310827" "4325570" "4607384" "4646352" "4685145" "4747147" "4752966" "4785171" "4790564" "4817183" "4872203" "4876726" "4905293" "4944021" "4947442" "5040223" "5040224" "5050220" "5109428" "5140642" "5177792" "5187747" "5420937" "D303251").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 19:43
S24 9	2	("5995640").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S25 0	106	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S25 1	53	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S25 2	14300	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S25 3	1000	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S25 4	46	S252 and S253	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S25 5	1000	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S25 6	14300	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S25 7	46	S256 and S255	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S25 8	3370	358/2.99,448,464-466.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S25 9	1000	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S26 0	2	S258 and S259	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S26 3	1	(monochrome and raw and scan and image and count and pixel\$2 and value and quality).clm.	US-PGPUB	OR	OFF	2009/03/06 19:43
S26 4	2661	fingerprint same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S26 5	4	fingerprint same quality and rescan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S26 6	23	fingerprint same quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S26 7	2	fingerprint near quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S26 8	413	fingerprint near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S26 9	49	fingerprint near quality and interrupt\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S27 0	3	"09788148"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S27 4	3278	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S27 5	14300	382/124-127,115-119,170,190,192,197,199,224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S27 6	447	S275 and S274	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S27 7	9	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near table	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S27 8	35	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near5 table\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S27 9	157	fingerprint\$2 and pressure same finger and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S28 0	162	fingerprint\$2 and pressure same finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S28 1	71	fingerprint\$2 and pressure near finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S28 2	9	("4578765" "4747148" "4962541" "5067161" "5067162" "5105467" "5121444" "5239590" "5255331").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 19:43

EAST Search History (Prior Art)

S28 3	482639	(intensit\$3 or brightness or contrast\$2) same (count\$4 or variation\$3 or change\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S28 4	3278	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S28 5	14300	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S28 6	447	S285 and S284	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S28 7	206	S283 and S286	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/06 19:43
S28 8	1	(raw and image and slope and monochrome and quality).clm.	US-PGPUB	OR	OFF	2009/03/06 22:04
S28 9	10	slope same contour same image and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S29 0	3	("3566354").URPN.	USPAT	OR	OFF	2009/11/08 22:38
S29 1	2	("5420937").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S29 2	22	("3558864" "3699519" "3893080" "4015240" "4156230" "4210899" "4310827" "4696046" "4747147" "4790564" "4817183" "4896363" "4944021" "4947442" "4948443" "5040223" "5040224" "5067162" "5105467" "5109428" "5187747" "5239590").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38
S29 3	3	("3566354").URPN.	USPAT	OR	OFF	2009/11/08 22:38
S29 4	38	("2952181" "3231861" "3245697" "3292149" "3383657" "3566354" "3584958" "3771129" "3801823" "3944978" "3959884" "3968475" "4109237" "4152056" "4210899" "4325570" "4414684" "4537484" "4618988" "4696046" "4747147" "4790564" "4811414" "4817183" "4874932" "4882474" "4896363" "4933976" "4944021" "4947027" "4947442" "5067162").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38
S29 5	15509	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S29 6	11	(pixel near count) and (quality near fingerprint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S29 7	163	(pixel near count) and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S29 8	522	382/112.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S29 9	15	S298 and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S30 0	15	S298 and (pixel near count)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S30 1	6615	(pixel\$2 near (density or count)) and (pattern or fingerprint) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S30 2	1495	(pixel\$2 near (density or count)) and (pattern or fingerprint) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S30 3	69	(pixel\$2 near (density or count)) and (pattern or fingerprint) near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S30 4	2	("5239590").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S30 5	13	(pixel\$2 near (density) and (pattern or fingerprint) near quality same (compar\$4 or match\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S30 8	11	(compar\$5 or match\$3) near (pixel\$2 near (density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S30 9	35	(compar\$5 or match\$3) near (pixel\$2 near (number or density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

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S31 0	34	(pixel\$2 near (number or density or count)) near (reference or threshold) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S31 1	1641	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S31 2	1126	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S31 3	42	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) same (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S31 4	10	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) near (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S31 5	475	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S31 6	269	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S31 7	51	ridge same count same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

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S31 8	114	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S31 9	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S32 0	63	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold) and fingerprint\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S32 1	173	pixel near count same image near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S32 2	62	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S32 3	37	("3419287" "3564266" "3893080" "3928842" "4015240" "4047154" "4083035" "4135147" "4151512" "4185270" "4208651" "4229023" "4310827" "4325570" "4607384" "4646352" "4685145" "4747147" "4752966" "4785171" "4790564" "4817183" "4872203" "4876726" "4905293" "4944021" "4947442" "5040223" "5040224" "5050220" "5109428" "5140642" "5177792" "5187747" "5420937" "D303251").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38
S32 4	2	("5995640").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S32 5	114	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S32 6	62	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S32 7	15509	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S32 8	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S32 9	49	S327 and S328	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S33 0	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S33 1	15509	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S33 2	49	S331 and S330	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S33 3	3459	358/2.99,448,464-466.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S33 4	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S33 5	3	S333 and S334	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S33 8	1	(monochrome and raw and scan and image and count and pixel\$2 and value and quality).clm.	US-PGPUB	OR	OFF	2009/11/08 22:38
S33 9	2885	fingerprint same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S34 0	5	fingerprint same quality and rescan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S34 1	26	fingerprint same quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S34 2	3	fingerprint near quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S34 3	448	fingerprint near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S34 4	55	fingerprint near quality and interrupt\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S34 5	4	"09788148"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S34 9	3583	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S35 0	15509	382/124-127,115-119,170,190,192,197,199,224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S35 1	491	S350 and S349	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S35 2	10	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near table	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S35 3	36	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near5 table\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S35 4	165	fingerprint\$2 and pressure same finger and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S35 5	170	fingerprint\$2 and pressure same finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S35 6	76	fingerprint\$2 and pressure near finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S35 7	9	("4578765" "4747148" "4962541" "5067161" "5067162" "5105467" "5121444" "5239590" "5255331").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38
S35 8	10	slope same contour same image and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S35 9	3	("3566354").URPN.	USPAT	OR	OFF	2009/11/08 22:38
S36 0	2	("5420937").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S36 1	22	("3558864" "3699519" "3893080" "4015240" "4156230" "4210899" "4310827" "4696046" "4747147" "4790564" "4817183" "4896363" "4944021" "4947442" "4948443" "5040223" "5040224" "5067162" "5105467" "5109428" "5187747" "5239590").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38
S36 2	3	("3566354").URPN.	USPAT	OR	OFF	2009/11/08 22:38
S36 3	38	("2952181" "3231861" "3245697" "3292149" "3383657" "3566354" "3584958" "3771129" "3801823" "3944978" "3959884" "3968475" "4109237" "4152056" "4210899" "4325570" "4414684" "4537484" "4618988" "4696046" "4747147" "4790564" "4811414" "4817183" "4874932" "4882474" "4896363" "4933976" "4944021" "4947027" "4947442" "5067162").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S36 4	15509	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S36 5	11	(pixel near count) and (quality near fingerprint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S36 6	163	(pixel near count) and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S36 7	522	382/112.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S36 8	15	S367 and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S36 9	15	S367 and (pixel near count)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S37 0	6615	(pixel\$2 near (density or count)) and (pattern or fingerprint) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S37 1	1495	(pixel\$2 near (density or count)) and (pattern or fingerprint) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

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S37 2	69	(pixel\$2 near (density or count)) and (pattern or fingerprint) near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S37 3	2	("5239590").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S37 4	13	(pixel\$2 near (density) and (pattern or fingerprint) near quality same (compar\$4 or match\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S37 7	11	(compar\$5 or match\$3) near (pixel\$2 near (density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S37 8	35	(compar\$5 or match\$3) near (pixel\$2 near (number or density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S37 9	34	(pixel\$2 near (number or density or count)) near (reference or threshold) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S38 0	1641	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S38 1	1126	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S38 2	42	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) same (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S38 3	10	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) near (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S38 4	475	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S38 5	269	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S38 6	51	ridge same count same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S38 7	114	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S38 8	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S38 9	63	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold) and fingerprint\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S39 0	173	pixel near count same image near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S39 1	62	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S39 2	37	("3419287" "3564266" "3893080" "3928842" "4015240" "4047154" "4083035" "4135147" "4151512" "4185270" "4208651" "4229023" "4310827" "4325570" "4607384" "4646352" "4685145" "4747147" "4752966" "4785171" "4790564" "4817183" "4872203" "4876726" "4905293" "4944021" "4947442" "5040223" "5040224" "5050220" "5109428" "5140642" "5177792" "5187747" "5420937" "D303251").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38
S39 3	2	("5995640").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S39 4	114	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S39 5	62	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S39 6	15509	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S39 7	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S39 8	49	S396 and S397	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S39 9	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S40 0	15509	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S40 1	49	S400 and S399	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S40 2	3459	358/2.99,448,464-466.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S40 3	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S40 4	3	S402 and S403	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S40 7	1	(monochrome and raw and scan and image and count and pixel\$2 and value and quality).clm.	US-PGPUB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S408	2885	fingerprint same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S409	5	fingerprint same quality and rescan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S410	26	fingerprint same quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S411	3	fingerprint near quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S412	448	fingerprint near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S413	55	fingerprint near quality and interrupt\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S414	4	"09788148"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S418	3583	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S419	15509	382/124-127,115-119,170,190,192,197,199,224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S420	491	S419 and S418	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S421	10	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near table	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S422	36	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near5 table\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S423	165	fingerprint\$2 and pressure same finger and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S424	170	fingerprint\$2 and pressure same finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S425	76	fingerprint\$2 and pressure near finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S426	9	("4578765" "4747148" "4962541" "5067161" "5067162" "5105467" "5121444" "5239590" "5255331").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38
S427	510430	(intensit\$3 or brightness or contrast\$2) same (count\$4 or variation\$3 or change\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S42 8	3583	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S42 9	15509	382/124-127,115-119,170,190,192,197,199,224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S43 0	491	S429 and S428	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S43 1	224	S427 and S430	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S43 2	10	slope same contour same image and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S43 3	3	("3566354").URPN.	USPAT	OR	OFF	2009/11/08 22:38
S43 4	2	("5420937").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S43 5	22	("3558864" "3699519" "3893080" "4015240" "4156230" "4210899" "4310827" "4696046" "4747147" "4790564" "4817183" "4896363" "4944021" "4947442" "4948443" "5040223" "5040224" "5067162" "5105467" "5109428" "5187747" "5239590").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38
S43 6	3	("3566354").URPN.	USPAT	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S43 7	38	("2952181" "3231861" "3245697" "3292149" "3383657" "3566354" "3584958" "3771129" "3801823" "3944978" "3959884" "3968475" "4109237" "4152056" "4210899" "4325570" "4414684" "4537484" "4618988" "4696046" "4747147" "4790564" "4811414" "4817183" "4874932" "4882474" "4896363" "4933976" "4944021" "4947027" "4947442" "5067162").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38
S43 8	15509	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S43 9	11	(pixel near count) and (quality near fingerprint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S44 0	163	(pixel near count) and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S44 1	522	382/112.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S44 2	15	S441 and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S44 3	15	S441 and (pixel near count)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S44 4	6615	(pixel\$2 near (density or count)) and (pattern or fingerprint) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S44 5	1495	(pixel\$2 near (density or count)) and (pattern or fingerprint) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S44 6	69	(pixel\$2 near (density or count)) and (pattern or fingerprint) near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S44 7	2	("5239590").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S44 8	13	(pixel\$2 near (density) and (pattern or fingerprint) near quality same (compar\$4 or match\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S45 1	11	(compar\$5 or match\$3) near (pixel\$2 near (density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S45 2	35	(compar\$5 or match\$3) near (pixel\$2 near (number or density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S45 3	34	(pixel\$2 near (number or density or count)) near (reference or threshold) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S45 4	1641	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S45 5	1126	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S45 6	42	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) same (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S45 7	10	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) near (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S45 8	475	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S45 9	269	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S46 0	51	ridge same count same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S46 1	114	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S46 2	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S46 3	63	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold) and fingerprint\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S46 4	173	pixel near count same image near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S46 5	62	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S46 6	37	("3419287" "3564266" "3893080" "3928842" "4015240" "4047154" "4083035" "4135147" "4151512" "4185270" "4208651" "4229023" "4310827" "4325570" "4607384" "4646352" "4685145" "4747147" "4752966" "4785171" "4790564" "4817183" "4872203" "4876726" "4905293" "4944021" "4947442" "5040223" "5040224" "5050220" "5109428" "5140642" "5177792" "5187747" "5420937" "D303251").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38
S46 7	2	("5995640").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S46 8	114	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S46 9	62	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S47 0	15509	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S47 1	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S47 2	49	S470 and S471	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S47 3	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S47 4	15509	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S47 5	49	S474 and S473	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S47 6	3459	358/2.99,448,464-466.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S47 7	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S47 8	3	S476 and S477	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S48 2	2885	fingerprint same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S48 3	5	fingerprint same quality and rescan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S48 4	26	fingerprint same quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S48 5	3	fingerprint near quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S48 6	448	fingerprint near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S48 7	55	fingerprint near quality and interrupt\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S48 8	4	"09788148"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S49 2	3583	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S49 3	15509	382/124-127,115-119,170,190,192,197,199,224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S49 4	491	S493 and S492	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S49 5	10	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near table	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S49 6	36	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near5 table\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S49 7	165	fingerprint\$2 and pressure same finger and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S49 8	170	fingerprint\$2 and pressure same finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S49 9	76	fingerprint\$2 and pressure near finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S50 0	9	("4578765" "4747148" "4962541" "5067161" "5067162" "5105467" "5121444" "5239590" "5255331").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S50 1	10	slope same contour same image and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S50 2	3	("3566354").URPN.	USPAT	OR	OFF	2009/11/08 22:38
S50 3	2	("5420937").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S50 4	22	("3558864" "3699519" "3893080" "4015240" "4156230" "4210899" "4310827" "4696046" "4747147" "4790564" "4817183" "4896363" "4944021" "4947442" "4948443" "5040223" "5040224" "5067162" "5105467" "5109428" "5187747" "5239590").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38
S50 5	3	("3566354").URPN.	USPAT	OR	OFF	2009/11/08 22:38
S50 6	38	("2952181" "3231861" "3245697" "3292149" "3383657" "3566354" "3584958" "3771129" "3801823" "3944978" "3959884" "3968475" "4109237" "4152056" "4210899" "4325570" "4414684" "4537484" "4618988" "4696046" "4747147" "4790564" "4811414" "4817183" "4874932" "4882474" "4896363" "4933976" "4944021" "4947027" "4947442" "5067162").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38
S50 7	15509	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S50 8	11	(pixel near count) and (quality near fingerprint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S50 9	163	(pixel near count) and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

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S51 0	522	382/112.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S51 1	15	S510 and fingerprint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S51 2	15	S510 and (pixel near count)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S51 3	6615	(pixel\$2 near (density or count)) and (pattern or fingerprint) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S51 4	1495	(pixel\$2 near (density or count)) and (pattern or fingerprint) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S51 5	69	(pixel\$2 near (density or count)) and (pattern or fingerprint) near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S51 6	2	("5239590").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S51 7	13	(pixel\$2 near (density) and (pattern or fingerprint) near quality same (compar\$4 or match\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S52 0	11	(compar\$5 or match\$3) near (pixel\$2 near (density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S52 1	35	(compar\$5 or match\$3) near (pixel\$2 near (number or density or count)) near (reference or threshold) and quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S52 2	34	(pixel\$2 near (number or density or count)) near (reference or threshold) same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S52 3	1641	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S52 4	1126	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S52 5	42	(detect\$3 or analyz\$3 or classif\$7) near4 quality near (image\$2 or picture\$2 or pixel\$2) same (pixel\$2 near (number or density or count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S52 6	10	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) near (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S52 7	475	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (pixel\$2 near (number or density or count)) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

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S52 8	269	(detect\$3 or analyz\$3 or classif\$7) near4 quality same (image\$2 or picture\$2 or pixel\$2) and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S52 9	51	ridge same count same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S53 0	114	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S53 1	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S53 2	63	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold) and fingerprint\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S53 3	173	pixel near count same image near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S53 4	62	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S53 5	37	("3419287" "3564266" "3893080" "3928842" "4015240" "4047154" "4083035" "4135147" "4151512" "4185270" "4208651" "4229023" "4310827" "4325570" "4607384" "4646352" "4685145" "4747147" "4752966" "4785171" "4790564" "4817183" "4872203" "4876726" "4905293" "4944021" "4947442" "5040223" "5040224" "5050220" "5109428" "5140642" "5177792" "5187747" "5420937" "D303251").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38
S53 6	2	("5995640").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S53 7	114	(ridge or pixel\$2) same count same quality same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S53 8	62	pixel near count same image near quality and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S53 9	15509	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S54 0	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S54 1	49	S539 and S540	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

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S54 2	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S54 3	15509	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S54 4	49	S543 and S542	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S54 5	3459	358/2.99,448,464-466.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S54 6	1079	(detect\$3 or analyz\$3 or classif\$7) near4 quality and (compar\$3 or match\$3) near6 ((pixel\$2 near (number or density or count)) or count or number) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S54 7	3	S545 and S546	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S55 1	2885	fingerprint same quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S55 2	5	fingerprint same quality and rescan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

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S55 3	26	fingerprint same quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S55 4	3	fingerprint near quality and (rescan or retak\$3 or reimag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S55 5	448	fingerprint near quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S55 6	55	fingerprint near quality and interrupt\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S55 7	4	"09788148"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S56 1	3583	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S56 2	15509	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S56 3	491	S562 and S561	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S56 4	10	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near table	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S56 5	36	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3 and slope near5 table\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S56 6	165	fingerprint\$2 and pressure same finger and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S56 7	170	fingerprint\$2 and pressure same finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S56 8	76	fingerprint\$2 and pressure near finger\$2 and ((ridge\$2 or minutia\$2) same (orientation\$3 or angles\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S56 9	9	("4578765" "4747148" "4962541" "5067161" "5067162" "5105467" "5121444" "5239590" "5255331").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 22:38
S57 0	510430	(intensit\$3 or brightness or contrast\$2) same (count\$4 or variation\$3 or change\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S57 1	3583	(monochrome or binary) with (image\$2 or picture\$2) and (determin\$5 or comput\$5 or calculat\$3) same (angle\$2 or orientat\$4 or slope) same pixel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S57 2	15509	382/124-127,115-119,170,190,192,197,199,224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38

EAST Search History (Prior Art)

S57 3	491	S572 and S571	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S57 4	224	S570 and S573	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 22:38
S57 6	101069	(pixel\$2 or pel\$2) and (pattern or fingerprint) and (qualit\$4 or clarit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/09 06:56
S57 7	15509	382/124-127,115-119,170,190,192,197,199, 224,258,259,266,275,267,298.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/09 06:56
S57 8	3208	S576 and S577	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/09 06:56
S57 9	953	(palm or finger) near3 print\$3 and (qualit\$4 or clarit\$3) and frequenc\$4 same (region\$2 or block\$4 or area\$2 or portion\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/09 06:58
S58 0	114	S577 and S579	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/09 06:58
S58 1	227	(palm or finger) near3 print\$3 and (qualit\$4 or clarit\$3) and frequenc\$4 same (region\$2 or block\$4 or area\$2 or portion\$2) and fourier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/09 06:59

EAST Search History (Prior Art)

S58 2	43	S577 and S581	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/09 06:59
S58 3	24	akira near monden	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/09 07:04
S58 4	5	akira near monden and (finger or palm) near3 print\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/09 07:05

EAST Search History (Interference)

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